

Amendments to the Abstract:

Please replace the ABSTRACT OF THE DISCLOSURE filed on October 29, 1999 with the following amended ABSTRACT OF THE DISCLOSURE:

ABSTRACT OF THE DISCLOSURE

A method for monitoring in an animal or a human, hormonal fluctuations, ovulation prediction, ~~breathing function~~[[,]] the ~~extent of physical fitness during exercise~~[[,]] the progress of a pharmacological ~~therapies~~ therapy or the progress of oxygen [[-]] therapy, the method comprising: (a) obtaining a volume of an expiratory gas mixture from an individual animal or [[a]] an individual human, (b) determining the amount of one or more gases contained within said volume, (c) recording of the resultant value ~~thus~~ obtained in step (b), ~~optionally~~ together with time data and data from the individual data, (d) preparing prestored values for the individual, ~~(d)~~ (e) comparing measured values from step (c) with ~~a table of the prestored values from step (d)~~, and ~~(e)~~ (f) generating a signal according to ~~the comparing of a deviation in measured~~ values in step ~~(d)~~ (e), the signal being stored or optionally being processed and/or edited.